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AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims in this application.

1. (Original) A set of telecommunications test plugs for use with twisted pair cable having N wires arranged in N/2 pairs, the set of telecommunications test plugs comprising:

a first plug housing;

a first plug board contained within the first plug housing, the first plug board including:

a plurality of wire connection points, each for establishing electrical connection with one of said N wires;

a plurality of contact pads;

a plurality of circuit traces including primary circuit traces establishing electrical connection between the wire connection points and the contact pads;

said circuit traces being positioned to establish first predefined near end crosstalk between at least two of said pairs, said first predefined near end crosstalk being at a first level of a first defined range;

a second plug housing;

a second plug board contained within the second plug housing, the second plug board including:

a plurality of wire connection points, each for establishing electrical connection with one of said N wires;

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a plurality of contact pads;

a plurality of circuit traces including primary circuit traces establishing electrical connection between the wire connection points and the contact pads;

said circuit traces being positioned to establish second predefined near end crosstalk between said at least two of said pairs, said second predefined near end crosstalk being at a second level of a second defined range, said second level being higher than said first level.

2. (Original) The set of telecommunications test plugs of claim 1 wherein:

said first defined range is the same as said second defined range.

3. (Original) The set of telecommunications test plugs of claim 2 wherein:

said first defined range and said second defined range are defined by Category 5e.

4. (Original) The set of telecommunications test plugs of claim 3 wherein:

said first predefined near end crosstalk corresponds to near end crosstalk between a split pair of wires and the second predefined near end crosstalk corresponds to near end crosstalk between said split pair of wires.

5. (Original) The set of telecommunications test plugs of claim 3 wherein:

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said first predefined near end crosstalk corresponds to near end crosstalk between a split pair of wires and at least one additional pair of wires and said second predefined near end crosstalk corresponds to near end crosstalk between said split pair of wires.

6. (Original) The set of telecommunications test plugs of claim 2 wherein:

said first defined range and said second defined range are defined by Category 6.

7. (Original) The set of telecommunications test plugs of claim 6 wherein:

said first predefined near end crosstalk corresponds to near end crosstalk between a split pair of wires and the second predefined near end crosstalk corresponds to near end crosstalk between said split pair of wires.

8. (New) A telecommunications plug for use with twisted pair cable having N wires arranged in N/2 pairs, the telecommunications test plug comprising:

a first plug housing;

a first plug board contained within the first plug housing, the first plug board including:

a plurality of wire connection points, each for establishing electrical connection with one of said N wires;

a plurality of contact pads;

a plurality of circuit traces including primary circuit traces establishing electrical connection between the wire connection points and the contact pads;

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said circuit traces being positioned to establish first predefined near end crosstalk between at least two of said pairs, said first predefined near end crosstalk (NEXT) being at a first level of a first defined range.

9. (New) The telecommunications plug of claim 8, wherein said circuit traces are positioned to provide a predefined return loss.

10. (New) The telecommunications plug of claim 8, wherein said circuit traces are positioned to provide a predefined far end crosstalk (FEXT).

11. (New) The telecommunications plug of claim 8, wherein said circuit traces are positioned to provide a predefined balance.

12. (New) The telecommunications plug of claim 8, wherein said circuit traces are positioned to meet low end NEXT requirements of category 6.

13. (New) The telecommunications plug of claim 8, wherein said circuit traces are positioned to meet high end NEXT requirements of category 6.

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